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I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450.

Date of Signature and Deposit: December 11, 2006

Sara D. Vinarov, Reg. No. 48,524

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark McCormick
Gary Barrett
Roland Green
Jaz Singh

Date: December 11, 2006

Serial No.: 10/675,329

Art Unit: 1639

Filed: September 30, 2003

Examiner: My-Chau T Tran

Title: MICROARRAYS WITH VISUAL
ALIGNMENT MARKS

Docket: 700706.90181

Confirmation No.: 5309

RESPONSE TO OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
P O Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to a non-final Office Action dated August 25, 2006, in the file of the above-identified application, applicants respond herewith as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.